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Thomas W. Barnes III, Ph.D.  
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**MAY 24 2005**

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May 24, 2005

VIA FACSIMILE  
703/872-9306

Commissioner for Patents  
Post Office Box 1450  
Alexandria, Virginia 22313-1450

**UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C., UNITED STATES OF AMERICA**

In re Application of:

Applicant(s): Thomas Z. Fu, et al.

Serial No.: 09/867,227

Filing Date: May 29, 2001

Entitled: SPECIALTY MICROPOROUS FILM AND  
LAMINATED MEDIA WITH  
APPLICATIONS IN INK JET AND DIGITAL  
PRINTING

Our File Ref.: IP-6037-US

Examiner: T. DICUS

Group Art Unit: 1774

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**RESPONSE TO OFFICE COMMUNICATION  
DATED JANUARY 24, 2005**

Now come Applicant, by counsel, and in response and request for reconsideration Office  
Action dated January 24, 2005, respectfully submit the following:

1. Transmittal Form PTO/SB21, 1 sheet(s);
2. Petition for Extension of Time under 37 CFR 1.136(a), Form PTO/SB22, and one (1)  
copy thereof attached thereto, 2 sheet(s);



## 3. Amendment/Response 3 sheet(s)

Respectfully submitted,

Thomas Fu, Applicant  
Yaoliang Hong, Applicant  
Hiroshi Tomimatsu, Applicant

Date: May 24, 2005

Thomas W. Barnes III, Reg. No. 52,595  
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**CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8**

The undersigned hereby certifies that a true and accurate copy of the within "Response to Notice to File Missing Parts of Nonprovisional Application", together with all attachments referred to therein, is being transmitted to the Honorable Commissioner for Patents, via facsimile to 703/872-9306, Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450 on this the 24th day of May, 2005.



Jane A. Tomlinson


PTO/SB/21 (09-04)

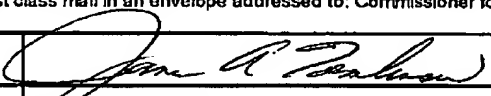
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|   |                        |                  |
|---|------------------------|------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 09/887,227       |
|   | Filing Date            | MAY 29, 2005     |
|   | First Named Inventor   | THOMAS FU et al. |
|   | Art Unit               | 1774             |
|   | Examiner Name          | T. DICUS         |
| Total Number of Pages In This Submission  | Attorney Docket Number | IP-6037-US       |

| ENCLOSURES (Check all that apply)   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                  | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input checked="" type="checkbox"/> Fee Attached                          | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input checked="" type="checkbox"/> Amendment/Reply                       | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input checked="" type="checkbox"/> Extension of Time Request             | <input type="checkbox"/> Terminal Disclaimer  | <input type="checkbox"/> Other Enclosure(s) (please identify below):                    |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Request for Refund   |   |
| <input type="checkbox"/> Information Disclosure Statement                 | <input type="checkbox"/> CD, Number of CD(s) _____                                      |   |
|   | <input type="checkbox"/> Landscape Table on CD  |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | Remarks   |   |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application    |   |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |          |        |
|--|---|----------|--------|
| Firm Name                                  | INTERNATIONAL PAPER COMPANY   |          |        |
| Signature                                  |  |          |        |
| Printed name                               | THOMAS W. BARNES, III   |          |        |
| Date                                       | MAY 24, 2005  | Reg. No. | 52,595 |

| CERTIFICATE OF TRANSMISSION/MAILING   |   |      |         |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |   |      |         |
| Signature   |  |      |         |
| Typed or printed name   | JANE A. TOMLINSON   | Date | 5-24-05 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application No. 09/867,227  
Reply to Office Action of JANUARY 24, 2005  
DOCKET NO: IP-6037-US

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
THOMAS Z. FU ET AL. : EXAMINER: DICUS, T.  
SERIAL NO: 09/867,227 :  
FILED: MAY 29, 2001 : GROUP ART UNIT: 1774  
FOR: SPECIALTY MICROPOROUS :  
FILMS AND LAMINATED MEDIA WITH  
APPLICATIONS IN INK JET AND  
DIGITAL PRINTING

RESPONSE AND REQUEST FOR RECONSIDERATION

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action of JANUARY 24, 2005, please accept the following  
Remarks in support of the Applicants' request for reconsideration.

**Remarks/Arguments begin on page 2 of this paper.**